

CLAIMS

1. Sanitary outflow armature (1, 2) having a liquid guide (3) that opens into a fitting outlet (4), in an area of which a plumbing functional unit in the form of an insertion cartridge (5) is provided, **characterized in that** an inner diameter of the liquid guide (3) is adapted to the insertion cartridge (5) at least in the opening area of the fitting outlet (4), and that the insertion cartridge (5) can be inserted into the fitting outlet (4) from an opening side and is held removably therein.
2. Outlet fitting according to Claim 1, characterized in that the insertion cartridge (5) is situated with at least a predominant part of its longitudinal extension, preferably completely with its entire longitudinal extension, in the fitting outlet (4).
3. Outlet fitting according to Claim 1 or 2, characterized in that the insertion cartridge (5) is held in the fitting outlet (4) by means of a preferably sleeve-shaped intermediate holder (6).
4. Outlet fitting according to one of Claims 1 to 3, characterized in that the intermediate holder (6) that can be placed into the fitting outlet from the opening side is held removably or non-removably in the fitting outlet (4).
5. Outlet fitting according to one of Claims 1 to 4, characterized in that the insertion cartridge (5) or the intermediate holder (6) can be inserted into the fitting outlet (4) up to an insertion stop.
6. Outlet fitting according to one of Claims 1 to 5, characterized in that the intermediate holder (6) is held in the fitting outlet by means of a glued, clamped,

locking, and/or screw connection, and/or by pressing, clutching, or wedging.

7. Outlet fitting according to one of Claims 1 to 6, characterized in that the intermediate holder (6) is preferably sealed peripherally against an inner peripheral wall of the fitting outlet (4).
8. Outlet fitting according to one of Claims 1 to 7, characterized in that the insertion cartridge (5) is held in the fitting outlet (4) or in the intermediate holder (6) by means of a clamped, locking, or screw connection.
9. Outlet fitting according to one of Claims 1 to 8, characterized in that the insertion cartridge (5) is sealed against the intermediate holder (6) or against the inner peripheral wall of the fitting outlet (4).
10. Outlet fitting according to one of Claims 1 to 9, characterized in that at least one annular seal (11), preferably at least one O-ring, is provided for the seal between the insertion cartridge (5) and/or intermediate holder (6) on the one hand and the outlet fitting (1, 2) on the other hand.
11. Outlet fitting according to one of Claims 1 to 10, characterized in that the insertion cartridge (5) or the intermediate holder (6) has an outer thread that can be screwed into an inner thread in the fitting outlet (4), and that the outer thread and the inner thread are dimensioned and situated such that when the insertion cartridge and/or the intermediate holder are screwed onto one another, the threads grasp one another in a relative position of the outlet fitting (1) on the one hand and the insertion cartridge (5) and/or intermediate holder (6) on the other hand in which the O-ring or similar annular seal (11) provided on an outer periphery of the

insertion cartridge or of the intermediate holder does not yet make frictional contact with the outlet fitting (1, 2).

12. Outlet fitting according to one of Claims 1 to 11, characterized in that the insertion cartridge (5) has a multi-part cartridge housing (19), and that a clamping, locking, and/or screw connection is provided on a housing part (20) of the cartridge housing (19), preferably situated at the flow outlet side, for the fastening of the cartridge housing (19) in the fitting outlet (4).

13. Outlet fitting according to one of Claims 1 to 12, characterized in that the cartridge housing of the insertion cartridge (5) and/or of the intermediate holder (6) has a contoured outer periphery and/or a contoured outflow end surface, constructed as a tool engagement surface for an insertion tool.

14. Outlet fitting according to one of Claims 1 to 13, characterized in that the outflow end surface of the cartridge housing of each insertion cartridge and/or of each intermediate holder has a contouring made up of projections (25) and recesses (24) at a final edge, such that the recesses (24) of an insertion cartridge (5) held in the outlet fitting (1) and/or of an intermediate holder (6) act as a tool engagement surface for the projections (25) of another cartridge housing (5') that can be used as an insertion tool, and/or of another intermediate holder.

15. Outlet fitting according to one of Claims 1 to 14, characterized in that the insertion cartridge (5) and/or the intermediate holder (6) are connected in one piece with at least one seal (30) that forms a seal between the insertion cartridge (5) and/or the intermediate holder (6) on the one hand and the outlet fitting (1, 2) on the other hand.

16. Outlet fitting according to one of Claims 1 to 15, characterized in that the outflow-side final edge area of the insertion cartridge (5) and/or of the intermediate holder (6) is fashioned as a sealing profile.

17. Outlet fitting according to one of Claims 1 to 16, characterized in that the sealing profile has at least one surface seal and at least one lip seal.

18. Outlet fitting according to one of Claims 1 to 17, characterized in that the insertion cartridge (5) and/or the intermediate holder (6) has at the flow inlet side an insertion stop (32) that in its position of use limits a deformation of the sealing profile.

19. Outlet fitting according to one of Claims 1 to 18, characterized in that the sealing profile has at least one seal having a sealing profile base that is fashioned as an insertion stop.

20. Outlet fitting according to one of Claims 1 to 19, characterized in that the sealing profile, and, if necessary, its insertion stop, works together with a counterstop on an inner periphery of the outlet fitting that limits the inner diameter.

21. Outlet fitting according to one of Claims 1 to 20, characterized in that the insertion stop (32) is situated adjacent to the sealing profile in the radial direction.

22. Outlet fitting according to one of Claims 1 to 21, characterized in that the sealing profile has at least one annular peripheral sealing lip (31).

23. Outlet fitting according to one of Claims 1 to 22, characterized in that the sealing profile has at least two annular peripheral sealing lips that become effective one after the other with increasing insertion pressure that acts on the insertion cartridge and/or on the intermediate holder.

24. Outlet fitting according to one of Claims 1 to 23, characterized in that the sealing lips have different heights.

25. Outlet fitting according to one of Claims 1 to 24, characterized in that the sealing lips have stepped heights.

26. Outlet fitting according to one of Claims 1 to 25, characterized in that the seal (30), and the component of the insertion cartridge (5) and/or of the intermediate holder (6) connected in one piece with the seal (30), are made of the same material.

27. Jet regulator or similar plumbing functional unit fashioned for housing in an outlet fitting (1, 2) according to Claims 1 to 26.